

# Substance Details Report

January 9, 2017

## Core Metadata

<b>Substance Type</b>	Chemical Substance
<b>EPA Registry Name</b>	Hexafluoroacetone
<b>EPA Registry Name List</b>	Chemical Identification
<b>Systematic Name</b>	2-Propanone, 1,1,1,3,3,3-hexafluoro-
<b>Systematic Name List</b>	Chemical Abstracts Index Name
<b>Preferred Acronym</b>	
<b>CAS Number</b>	684-16-2
<b>EPA Identification Number</b>	
<b>TSN Number</b>	
<b>Kingdom</b>	
<b>ICTVDB</b>	
<b>Molecular Formula</b>	C3F6O
<b>Molecular Weight</b>	166.02
<b>Comment/Description</b>	

<b>Internal Tracking Number</b>	67447
<b>Substance Status</b>	Approved

## Definition

## Classifications

### Associated Identifiers

There is no information about former or incorrectly used identifiers.

## Structure

### Notation

O=C(C(F)(F)F)C(F)(F)F

### Notation Type

SMILES

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## Synonym

Below are the EPA applications/systems, statutes/regulations, or other sources that track or regulate this substance. This table shows how each list refers to the substance.

### Statutes/Regulations

Statutes/Regulations	Synonym	Synonym Quality	Effective Date	End Date
2016 CDR TSCA Inv	Hexafluoroacetone	Valid		
TSCA Inv	2-Propanone, 1,1,1,3,3,3-hexafluoro-	Valid		

### EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
2012 CDR	2-Propanone, 1,1,1,3,3,3-hexafluoro-	Valid		
CAMEO Chemicals	Hexafluoroacetone	Valid		
CERCLIS3	Hexafluoroacetone	Valid		
GCES	2-Propanone, 1,1,1,3,3,3-hexafluoro-	Valid		
ICIS-Air	Hexafluoroacetone	Valid		
TSCATS	2-Propanone, 1,1,1,3,3,3-hexafluoro-	Valid		

### Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CA Index	2-Propanone, 1,1,1,3,3,3-hexafluoro-	Valid		
CFATS	Hexafluoroacetone	Unknown	08/08/2013	
CUS02	2-Propanone, 1,1,1,3,3,3-hexafluoro-	Valid		
CUS98	2-Propanone, 1,1,1,3,3,3-hexafluoro-	Valid		
ChemIDStd	Hexafluoroacetone	Valid		
FDA	Hexafluoroacetone	Unknown		
NJ-RTK-HS	Hexafluoroacetone	Valid		
OSHA PSM-29 CFR 1910.119 App A	Hexafluoroacetone	Unknown	08/11/2013	

### Ad Hoc List

Ad Hoc List	Synonym	Synonym Quality	Effective Date	End Date
AEGL	Hexafluoroacetone	Unknown		

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## EPA Synonyms

There are no Synonyms of this type.

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## Component Of

Systematic Name	Synonym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Volatile organic compounds	VOCs			E761346		

## Related References

[http://www.osha.gov/dts/chemicalsampling/data/CH\\_245100.html](http://www.osha.gov/dts/chemicalsampling/data/CH_245100.html)  
<http://nj.gov/health/eoh/rtkweb/documents/fs/0987.pdf>  
<http://yosemite.epa.gov/oppts/epatscat8.nsf/ReportSearch?OpenAgent&CASNumber=684-16-2>  
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=684-16-2&result=advanced>  
<http://fdasis.nlm.nih.gov/srs/srsdirect.jsp?regno=AKU9463N1Y>  
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000684162>